



## Anti-cancer Potential of Plant-Based Antioxidants

Guest Editors:

**Dr. Javier Espino**

**Dr. María Garrido**

**Dr. Jonathan Delgado-Adamez**

Deadline for manuscript  
submissions:

**30 September 2024**

### Message from the Guest Editors

The use of medicinal plants is the oldest form of primary healthcare, and has always been profitable in medical and pharmacological terms. Currently, it is well known that approximately 50% of the most effective drugs are derived from natural sources, hence the great interest of the pharmaceutical industry in exploring new natural sources for the extraction and identification of bioactive ingredients with potential health benefits. In this context, the study of medicinal plants and plant-derived bioactive substances plays a fundamental role in cancer therapy, allowing for the identification of molecules with valuable biological activity and/or the development of anticancer drugs widely used in the clinical practice, such as taxanes, chloroquine and artemisinin.

This Special Issue welcomes original research articles and comprehensive reviews dealing with the molecular mechanism of action underpinning the antitumor activity of functional antioxidants derived from plants on all types of neoplastic disease, including studies in vitro, animal models and clinical trials.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Alessandra  
Napolitano**

Department of Chemical  
Sciences, University of Naples  
"Federico II", Via Cintia 4, I-80126  
Naples, Italy

## Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of "oxidative stress" a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [FSTA](#), [PubAg](#), [CAPlus / SciFinder](#), and [other databases](#).

**Journal Rank:** JCR - Q1 (*Food Science & Technology*) / CiteScore - Q1 (*Food Science*)

## Contact Us

*Antioxidants* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/antioxidants](http://mdpi.com/journal/antioxidants)  
[antioxidants@mdpi.com](mailto:antioxidants@mdpi.com)  
[X@antioxidants\\_OA](#)